ARKIV FÖR MINERALOGI OCH GEOLOGI

UTGIVET AV

KUNGL. SVENSKA VETENSKAPS-AKADEMIEN

Band 4

Med 31 avhandlingar

ALMQVIST & WIKSELL

STOCKHOLM

1966 – 1969

Häfte	1–3	innehållande	Nr	1	utkom den	31 maj 1966
»	4	»	Nr	2–10	»	» 1 juni 1966
»	5	»	Nr	11–23	»	» 22 mars 1968
»	6	»	Nr	24–31	»	» 19 mars 1969

FJÄRDE BANDETS INNEHÅLL

		Sid
1.	Henriques, Å., Geology and Ores of the Ämmeberg District (Zinkgruvan) Sweden	1–246
2.	Pilström, G., A mineralogical bibliography of Långban	247–266
3.	Welin, E., Notes on the mineralogy of Sweden. 4. New discoveries of secondary uranium minerals	267–276
4.	Sundius, N. and Blix, R., Norsethite from Långban	277–278
5.	Sundius, N., Carbonates in the manganese ores at Långban	279–285
6.	Gabrielson, O. and Sundius, N., Ca-rich kutnahorite from Långban, Sweden	287–289
7.	Wickman, F. E., Repose period patterns of volcanoes. I. Volcanic eruptions regarded as random phenomena	291–301
8.	Wickman, F. E., Repose period patterns of volcanoes. II. Eruption histories of some East Indian volcanoes	303–317
9.	Wickman, F. E., Repose period patterns of volcanoes. III. Eruption histories of some Japanese volcanoes	319–335
10.	Wickman, F. E., Repose period patterns of volcanoes. IV. Eruption histories of some selected volcanoes	337–350
11.	Wickman, F. E., Repose period patterns of volcanoes. V. General discussion and a tentative stochastic model	351–367
12.	von Eckermann, H., The age relationship between the alnöite dikes at Alnö and the sövite pegmatites, and the possibility of occurrence of inflammable gas beneath the alkaline diatremes	369–375
13.	Welin, E., Notes on the mineralogy of Sweden. 5. Bismuth-bearing sulphosalts from Gladhammar, a revision	377–386
14.	Ito, J. and Frondel, C., Syntheses of the kentrolite-melanotekite series	387–390
15.	Ito, J. and Frondel, C., Syntheses of barylite, strontium-barylite and lead-barylite	391–394
16.	Moore, P. B. and Smith, J. V., Wickmanite, $Mn^{+2}[Sn^{+4}(OH)_6]$, a new mineral from Långban	395–399
17.	Moore, P. B., Gabrielsonite, $PbFe(AsO_4)(OH)$, a new member of the descloizite-pyrobelonite group, from Långban	401–405
18.	Moore, P. B., Welinite, a new mineral from Långban	407–411
19.	Sundius, N., Parwel, A. and Rajandi, B., Carbonates from Väster-Silvberg	413–415
20.	von Eckermann, H., The strontium and barium contents of the Alnö sövites and the alkaline, carbonatitic and ultrabasic rocks	417–424
21.	Moore, P. B., Contributions to Swedish mineralogy. I. Studies on the basic arsenates of manganese: retzian, hemafibrite, synadelphite, arsenoclasite, arseniopleite, and akrochordite	425–444
22.	Frondel, C. and Ito, J., Barium-rich phlogopite from Långban, Sweden	445–447
23.	Moore, P. B., Contributions to Swedish mineralogy. II. Melanostibite and manganostibite, two unusual antimony minerals. The identity of ferrostibian with långbanite	449–457
24.	Moore, P. B., The crystal structure of welinite, $(Mn^{+4}, W)_{<1}(Mn^{+2}, W, Mg)_{<3}Si(O, OH)_7$	459–466
25.	Moore, P. B., Parwelite, $(Mn, Mg)_5Sb(Si, As)_2O_{10-11}$, a new mineral from Långban	467–472
26.	Moore, P. B., Eveite, $Mn_2(OH)(AsO_4)$, a new mineral from Långban	473–476

27. Boström, K., Frazer, J. and Blankenburg, J., Subsolidus phase relations and lattice constants in the system $BaSO_4$–$SrSO_4$–$PbSO_4$ 477–485
28. Moore, P. B., Joesmithite, a new amphibole-like mineral from Långban 487–492
29. Gross, E. B. and Parwel, A., Rutile mineralization at the White Mountain andalusite deposits, California 493–497
30. Welin, E., Notes on the mineralogy of Sweden. 6. X-ray powder data for minerals from Långban and the related mineral deposits of Central Sweden 499–541
31. Wickman, F. E. and Uddenberg-Andersson, A.-G., The supposed meteorite fall at Örebro in Sweden, 1958 543–544